



Frequency bands allocated to mobile operators in Belarus

Cellular mobile telecommunications operators in the Republic of Belarus use the following radio frequency bands:

GSM (2G):

Band №	Frequency (MHz)	Common name	Uplink (MHz)	Downlink (MHz)	Duplex spacing (MHz)	Channel №
8	900	E-GSM	880.0 – 915.0	925.0 – 960.0	45	0–124, 975–1023
3	1800	DCS	1710.2 – 1784.8	1805.2 – 1879.8	95	512–885



FDD UMTS (WCDMA/HSDPA/HSUPA/HSPA+) (3G):




Band №	Duplex	Frequency (MHz)	Common name	Uplink (MHz)	Downlink (MHz)	Duplex spacing (MHz)	Uplink Channel №	Downlink Channel №
8	FDD	900	E-GSM	880 – 915	925 – 960	45	2712 – 2863	2937 – 3088
1	FDD	2100	IMT	1920 – 1980	2110 – 2170	190	9612 – 9888	10562 – 10838

FDD LTE (4G):

Band №	Duplex	Frequency (MHz)	Common name	Uplink (MHz)	Downlink (MHz)	Duplex spacing (MHz)	Channel bandwidths
20	FDD	800	Digital Dividend (EC)	832–862	791–821	-41	5, 10, 15, 20
3	FDD	1800	DCS	1710 – 1785	1805 – 1880	95	1.4, 3, 5, 10, 15, 20
7	FDD	2600	IMT-E	2500 – 2570	2620 – 2690	120	5, 10, 15, 20

Mobile operators in Belarus: general information

There are three mobile cellular telecommunications operators in Belarus:

Mobile operator name	A1	MTC	life:)
Trademark			
Number of users	5 500 000	5 000 000	1 500 000



All three operators have 4G networks (LTE).

About 10 million people live in Belarus, and there are about 12 million active SIM cards. Mobile network penetration is 120%, which is the highest figure among all post-Soviet countries.

Operators provide the ability to use **eSIM**.

⚠ Accredited testing laboratories in Belarus do not test eSIM, testing requires a slot for installing a test SIM card.

⚠ Notes:

For all devices using mobile radio communications (including mobile radio modules built into the terminal equipment) require confirmation of compliance with the Technical Regulation of the Republic of Belarus - "Means of telecommunication. Safety" (TR 2018/024/BY)



The current version of the technical regulations

Republic of Belarus "Means of telecommunication. Safety" ([TR 2018/024/BY](#))

